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BORING/WELL NO.
B-14

SOIL BORING LOG

PROJECT NO./NAME
GOB7M-RP50-B.01A201/ARCO Facility No. 6131

LOCATION
**3201 Harbor Boulevard
Costa Mesa, California**

DRILLING CONTRACTOR/DRILLER
Cascade Drilling, Inc./Darren

APPROVED BY
Dean A. Richesin, P.G. No. 3587

GEOLOGIST/OFFICE
Susan Nielsen/Orange County

DRILLING EQUIPMENT/METHOD
Geoprobe/Direct Push

SIZE/TYPE OF BIT
1.5"/Soil

SAMPLING METHOD
Direct Push

START/FINISH DATE
9/6/05-9/6/05

TOTAL DEPTH
35.0

BORING/WELL LOCATION SKETCH MAP



LITHOLOGY

SAMPLING DATA

Depth, feet	Graphic Log	Visual Description	Sample No. and Interval	Penetration Rate (Blows/ft.)	PID Values (ppm)
...		ASPHALT	...		
5		CLAY (CL): brown, medium dense, low plasticity, little fine sand, moist	5		
...			...		
10		Little fine sand, micaceous	10		
...			...		
15		SAND (SP): yellowish orange/tan, fine to medium grained, micaceous, loose, slightly moist	15		
...			...		
20		Slightly micaceous	20		
...			...		
25		Trace silt	25		
...			...		
30		Medium dense CLAY (CL): greenish grey, low plasticity, medium stiff, trace very fine micaceous sand, moist	30		
...			...		
35		SANDY SILT (ML): yellowish brown, very fine grained sand, medium dense, micaceous, wet	35		
...			...		
35		Boring terminated at 35 feet below ground surface (ft bgs). Groundwater was encountered at 32 ft bgs during drilling. Boring was backfilled with bentonite grout.	35		

GROUND
WATER
ENCOUNTERED
SEP 8, 2005

SOIL 6131.GPJ DELTAENV.GDT 10/5/05